

# Atharv Bhavsar

Indore, M.P

+91 6267742500 | [atharvbhavsar.work@gmail.com](mailto:atharvbhavsar.work@gmail.com) | [LinkedIn](#) | [Github](#) | [Leetcode](#)

## EDUCATION

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VIT Bhopal University

Bachelor of Technology in Computer Science; Minor in Cybersecurity and Digital Forensics

Bhopal, M.P.

October 2022 - October 2026

CGPA: 8.58/10

## TECHNICAL SKILLS

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**Languages:** C/C++, HTML/CSS, JavaScript, SQL

**Frameworks and Libraries:** Qt, React.js, Streamlit

**Developer Tools:** Git, VS Code, GitHub, QtCreator, QtDesign, Android Studio, Postman

## PROJECTS

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**TIFA** – Python, Streamlit, Plotly, SQLite, Gemini API - Full Stack Development

August 2025 – September 2025

- Developed an AI-powered Threat Intelligence Feed Aggregator (TIFA) as part of the Société Générale Hackathon, collecting, parsing, and analyzing real-time cyber threat data from multiple sources with advanced IOC extraction and correlation.
- Designed and implemented an interactive analytics dashboard using Streamlit, enabling visualization of threat trends, IOC statistics, and actionable security insights for SOC teams.
- Integrated Google Gemini AI APIs for automated threat analysis and enrichment, and deployed the solution on Streamlit Cloud with secure configuration and robust error handling.

**RakshaChakra** – Dart, Firebase, UI Development - App Development

June 2025 – July 2025

- Developed secure login functionality using Firebase Authentication with password hashing, ensuring safe credential storage and access.
- Built UI components for the mobile banking app to provide a smooth and accessible user experience.
- Collaborated with a team of 5 to implement a behavior-based continuous authentication system, integrating real-time ML-driven risk assessment and adaptive security responses to enhance mobile banking security.

**ReconSuite** – C/C++, Qt Creator, Qt Designer - GUI Development

March 2024 – May 2024

- Engineered “Reconsuite”, a graphical user interface (GUI) application for cybersecurity reconnaissance tools, utilizing the Qt framework and C++ for efficient GUI development, achieving a 30% reduction in manual command-line interactions.
- Consolidated 5 command-line tools (ping, traceroute, dig, dnsenum, and ffuf) into a unified, user-friendly interface, streamlining Cybersecurity assessments and improving efficiency by 40%.
- Collaborated with a team of 4, designing and implementing features that enhanced functionality and user experience, including leveraging Qt Creator and Qt Designer to develop a seamless and intuitive interface.

**Text Encryption** – HTML, CSS, JavaScript, React.js - Frontend Development

May 2024 – June 2024

- Designed and deployed an intuitive web interface for text encryption, enabling users to perform secure AES, RSA, and DES encryption/decryption with a 98% task success rate during testing.
- Applied UI/UX and distributed computing principles to optimize front-end responsiveness, boosting component rendering speed by 40%.

## ACHIEVEMENTS & ACTIVITIES

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- **Buildathon, PreprodCorp:** Designed and implemented five interactive components for an AutoML platform's user interface during a PreprodCorp Buildathon, enhancing user experience and accelerating the model training process as part of team of 4.
- **Hackathon:** Collaborated, qualified and participated in the internal rounds of Smart India Hackathon (SIH) 2024 representing VIT Bhopal University.
- **Hackathon:** Got into the final round of **Hactivate Hackathon** organized by **Hactify**, building a communication bot that detects spam emails based on message content in a team of 4.
- **Hackathon:** Selected among top 105 teams out of 4000+ in the **Canara Bank SuRaksha Cyber Hackathon 2025**.
- **Certifications & Training:** Postman API Fundamentals, EC-Council - Certified Ethical Hacker v12.